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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"370"/\$4.ccls. and shar\$6 same (task\$4 or load\$4) same ((P2P) or (peer\$4 with peer\$4)) same acknow\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 13:53
L2	59	"370"/\$4.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4 or work\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and acknow\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:23
L3	7	"710"/\$4.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4 or work\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and acknow\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:16
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L5	1	"370"/229.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4 or work\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (acknow\$7 or notif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:23
L6	1	"370"/229.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (acknow\$7 or notif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:26
L7	0	"370"/229.ccls. and file\$4 same (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (acknow\$7 or notif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:26

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L8	0	d file\$4 same (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (acknow\$7 or notif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:26
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L10	0	709/232.ccls. and file\$4 same (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (acknow\$7 or notif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:27
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L12	7	709/219.ccls. and file\$4 same (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (acknow\$7 or notif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:42
L13	0	710/20.ccls. and file\$4 same (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (acknow\$7 or notif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:43
L14	4	"711"/\$4.ccls. and file\$4 same (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (acknow\$7 or notif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:49

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L15	0	"711"/112.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (acknow\$7 or notif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:50
L16	0	"711"/113.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (acknow\$7 or notif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:50
L17	3	"711"/114.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (acknow\$7 or notif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:50
L18	3	"711"/114.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and (transfer\$4 or transmit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:51
L19	4	"711"/114.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) and (transfer\$4 or transmit\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 15:07
L20	38	709/219.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) and (transfer\$4 or transmit\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:14
L21	2	709/219.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) same (transfer\$4 or transmit\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 15:08

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L22	6	709/232.ccls. and (shar\$6 or sharing or share\$4) same (task\$4 or job\$4) and (transfer\$4 or transmit\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 15:09
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L25	31	((P2P) or (peer\$4 with peer\$4))same shar\$4 same (transfer\$4 or transmit\$4) same storage\$4 and ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:32
L26	152	((P2P) or (peer\$4 with peer\$4))same shar\$4 same (transfer\$4 or transmit\$4) and storage\$4 and ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:32
L27	16	((P2P) or (peer\$4 with peer\$4))same shar\$4 same (transfer\$4 or transmit\$4) same storage\$4 and ratio and "709"\$4. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:36
L28	1	((P2P) or (peer\$4 with peer\$4))same shar\$4 same (transfer\$4 or transmit\$4) same storage\$4 and (adjust\$4 or modif\$4) same ratio and "709"\$4. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:36
L29	2	((P2P) or (peer\$4 with peer\$4))same shar\$4 same (transfer\$4 or transmit\$4) same storage\$4 and (adjust\$4 or modif\$4) same ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:36
S1	4	shar\$6 same (task\$4 or load\$4) same ((P2P) or (peer\$4 with peer\$4)) same acknow\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 13:52
S2	130	shar\$6 same (task\$4 or load\$4) same ((P2P) or (peer\$4 with peer\$4)) and acknow\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 13:33

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S3	5	709/219.ccls. and shar\$6 same (task\$4 or load\$4) same ((P2P) or (peer\$4 with peer\$4)) and acknow\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 18:46
S4	2199	709/231.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 13:32
S5	1726	709/232.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 13:32
S6	19	shar\$6 same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) same ((P2P) or (peer\$4 with peer\$4)) and acknow\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 13:35
S7	107	shar\$6 same (task\$4 or job\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and acknow\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 14:59
S8	1	S4 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 14:34
S9	1	S5 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 14:40
S10	212	(shar\$6 or sharing or share\$4) same (task\$4 or job\$4 or work\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and acknow\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 13:55
S11	64	(shar\$6 or sharing or share\$4) same (task\$4 or job\$4 or work\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and acknow\$7 and "709"/\$4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 15:38
S12	0	(shar\$6 or sharing or share\$4) same (task\$4 or job\$4 or work\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and acknow\$7 and 709/233.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 15:38

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S13	0	(shar\$6 or sharing or share\$4) same (task\$4 or job\$4 or work\$4) same (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and acknow\$7 and 709/233.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 15:38
S14	4	(shar\$6 or sharing or share\$4) same (task\$4 or job\$4 or work\$4) and (upload\$4 or (up adj load\$4) or load\$4 or download\$4 or (down adj load\$4)) and ((P2P) or (peer\$4 with peer\$4)) and acknow\$7 and 709/233.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 16:15
S15	2	"6272675".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 17:29
S16	228	((p2p) or (P2P) or (peer with peer)) same (shar\$6) same network\$4 same stor\$5 same (load\$4 or (upload\$4) or (up adj load\$4) or (download\$4) or (down adj load\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 17:49
S17	73	((p2p) or (P2P) or (peer with peer)) same (shar\$6) same network\$4 same stor\$5 same (load\$4 or (upload\$4) or (up adj load\$4) or (download\$4) or (down adj load\$4)) and "709"/\$4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 17:54
S18	2	shar\$6 same (file\$4 or document\$4) same (task\$4 or load\$4) same ((P2P) or (peer\$4 with peer\$4)) same acknow\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 21:30
S19	0	shar\$6 same (file\$4 or document\$4) same (task\$4 or load\$4) same ((P2P) or (peer\$4 with peer\$4)) same acknow\$7 and "711"/\$4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 21:36
S20	3	shar\$6 same (file\$4 or document\$4) same (task\$4 or load\$4) same ((P2P) or (peer\$4 with peer\$4)) and "711"/\$4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 21:36



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1 [Content delivery: Scheduling data-intensive bags of tasks in P2P grids with bittorrent-enabled data distribution](#)



Cyril Briquet, Xavier Dalem, Sébastien Jodogne, Pierre-Arnoul de Marneffe

June 2007 **Proceedings of the second workshop on Use of P2P, GRID and agents for the development of content networks UPGRADE '07**

Publisher: ACM Press

Full text available: [pdf\(341.80 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Scheduling Data-Intensive Bags of Tasks in P2P Grids leads to transfers of large input data files, which cause delays in completion times. We propose to combine several existing technologies and patterns to perform efficient data-aware scheduling: (1) use of the BitTorrent P2P file sharing protocol to transfer data, (2) data caching on computational Resources, (3) use of a data-aware Resource selection scheduling algorithm similar to Storage Affinity, (4) a new Task selection scheduling algor ...

Keywords: BitTorrent, P2P, bag of tasks, caching, data sharing, grid, peer-to-peer, replication, scheduling

2 [A taxonomy of Data Grids for distributed data sharing, management, and processing](#)



Srikumar Venugopal, Rajkumar Buyya, Kotagiri Ramamohanarao

June 2006 **ACM Computing Surveys (CSUR)**, Volume 38 Issue 1

Publisher: ACM Press

Full text available: [pdf\(1.70 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Data Grids have been adopted as the next generation platform by many scientific communities that need to share, access, transport, process, and manage large data collections distributed worldwide. They combine high-end computing technologies with high-performance networking and wide-area storage management techniques. In this article, we discuss the key concepts behind Data Grids and compare them with other data sharing and distribution paradigms such as content delivery networks, peer-to-peer n ...

Keywords: Grid computing, data-intensive applications, replica management, virtual organizations

3

[Constructing collaborative desktop storage caches for large scientific datasets](#)

Sudharshan S. Vazhkudai, Xiaosong Ma, Vincent W. Freeh, Jonathan W. Strickland, Nandan



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Relevance scale ☐ ☐ ☐ ☐ ☐**1** [Constructing collaborative desktop storage caches for large scientific datasets](#)

Sudharshan S. Vazhkudai, Xiaosong Ma, Vincent W. Freeh, Jonathan W. Strickland, Nandan Tammineedi, Tyler Simon, Stephen L. Scott

August 2006 **ACM Transactions on Storage (TOS)**, Volume 2 Issue 3**Publisher:** ACM PressFull text available: pdf(833.76 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

High-end computing is suffering a *data deluge* from experiments, simulations, and apparatus that creates overwhelming application dataset sizes. This has led to the proliferation of high-end mass storage systems, storage area clusters, and data centers. These storage facilities offer a large range of choices in terms of capacity and access rate, as well as strong data availability and consistency support. However, for most end-users, the "last mile" in their analysis pipeline o ...

Keywords: Distributed storage, parallel I/O, scientific data management, serverless storage system, storage cache, storage networking, storage resource management, storage scavenging, striped storage

2 [FreeLoader: Scavenging Desktop Storage Resources for Scientific Data](#)

Sudharshan S. Vazhkudai, Xiaosong Ma, Vincent W. Freeh, Jonathan W. Strickland, Nandan Tammineedi, Stephen L. Scott

November 2005 **Proceedings of the 2005 ACM/IEEE conference on Supercomputing SC '05****Publisher:** IEEE Computer SocietyFull text available: pdf(410.23 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

High-end computing is suffering a data deluge from experiments, simulations, and apparatus that creates overwhelming application dataset sizes. End-user workstations-despite more processing power than ever before-are ill-equipped to cope with such data demands due to insufficient secondary storage space and I/O rates. Meanwhile, a large portion of desktop storage is unused. We present the FreeLoader framework, which aggregates unused desktop storage space and I/O bandwidth into a shared cache/sc ...

Keywords: Distributed storage, storage scavenging, storage cache, serverless storage system, scientific data management, parallel I/O, striped storage


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IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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Relevance scale ☐ ☐ ☐ ☐ ☐**1** [Constructing collaborative desktop storage caches for large scientific datasets](#)

Sudharshan S. Vazhkudai, Xiaosong Ma, Vincent W. Freeh, Jonathan W. Strickland, Nandan Tammineedi, Tyler Simon, Stephen L. Scott

August 2006 **ACM Transactions on Storage (TOS)**, Volume 2 Issue 3**Publisher:** ACM PressFull text available: pdf(833.76 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

High-end computing is suffering a *data deluge* from experiments, simulations, and apparatus that creates overwhelming application dataset sizes. This has led to the proliferation of high-end mass storage systems, storage area clusters, and data centers. These storage facilities offer a large range of choices in terms of capacity and access rate, as well as strong data availability and consistency support. However, for most end-users, the "last mile" in their analysis pipeline o ...

Keywords: Distributed storage, parallel I/O, scientific data management, serverless storage system, storage cache, storage networking, storage resouce management, storage scavenging, striped storage

**2** [Link and channel measurement: A simple mechanism for capturing and replaying wireless channels](#)

Glenn Judd, Peter Steenkiste

August 2005 **Proceeding of the 2005 ACM SIGCOMM workshop on Experimental approaches to wireless network design and analysis E-WIND '05****Publisher:** ACM PressFull text available: pdf(6.06 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Physical layer wireless network emulation has the potential to be a powerful experimental tool. An important challenge in physical emulation, and traditional simulation, is to accurately model the wireless channel. In this paper we examine the possibility of using on-card signal strength measurements to capture wireless channel traces. A key advantage of this approach is the simplicity and ubiquity with which these measurements can be obtained since virtually all wireless devices provide the req ...

Keywords: channel capture, emulation, wireless



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Relevance scale ☐ ☐ ☐ ☐ ☐**1** [Constructing collaborative desktop storage caches for large scientific datasets](#)

Sudharshan S. Vazhkudai, Xiaosong Ma, Vincent W. Freeh, Jonathan W. Strickland, Nandan Tammineedi, Tyler Simon, Stephen L. Scott

August 2006 **ACM Transactions on Storage (TOS)**, Volume 2 Issue 3**Publisher:** ACM PressFull text available: pdf(833.76 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

High-end computing is suffering a *data deluge* from experiments, simulations, and apparatus that creates overwhelming application dataset sizes. This has led to the proliferation of high-end mass storage systems, storage area clusters, and data centers. These storage facilities offer a large range of choices in terms of capacity and access rate, as well as strong data availability and consistency support. However, for most end-users, the "last mile" in their analysis pipeline o ...

Keywords: Distributed storage, parallel I/O, scientific data management, serverless storage system, storage cache, storage networking, storage resource management, storage scavenging, striped storage

2 [Link and channel measurement: A simple mechanism for capturing and replaying wireless channels](#)

Glenn Judd, Peter Steenkiste

August 2005 **Proceeding of the 2005 ACM SIGCOMM workshop on Experimental approaches to wireless network design and analysis E-WIND '05****Publisher:** ACM PressFull text available: pdf(6.06 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Physical layer wireless network emulation has the potential to be a powerful experimental tool. An important challenge in physical emulation, and traditional simulation, is to accurately model the wireless channel. In this paper we examine the possibility of using on-card signal strength measurements to capture wireless channel traces. A key advantage of this approach is the simplicity and ubiquity with which these measurements can be obtained since virtually all wireless devices provide the req ...

Keywords: channel capture, emulation, wireless



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1 [Link and channel measurement: A simple mechanism for capturing and replaying wireless channels](#)



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Keywords: channel capture, emulation, wireless

2 [Incentives for content availability in memory-less peer-to-peer file sharing systems](#)



Panayotis Antoniadis, Costas Courcoubetis, Ben Strulo

July 2005 **ACM SIGecom Exchanges**, Volume 5 Issue 4

Publisher: ACM Press

Full text available: pdf(305.15 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper we address the issue of content availability in p2p file sharing systems. Content availability is a public good: the copying of a file by one peer does not prevent another peer also from copying it; but contributing files to the common pool is costly. The asymptotic analysis of certain public good models for p2p file sharing suggests that when the aim is to maximize social welfare, a fixed contribution scheme in terms of the number of files shared per unity of time can be asymptoti ...

Keywords: cheap pseudonyms, content availability, design, economics, public goods

3

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